

Curriculum vitae

1.Name of the Faculty: Dr. Waliza Ansar

2.Name of the Department: Zoology

3.Educational qualification: M.Sc. Ph.D

4. Present position: Assistant Professor

5. Address for communication: 32, Upen Banerjee Road, Behala Parnasree, Kolkata-700060

6. Email:waliza_ansar@yahoo.co.in

7. Specialization: Immunology and Biochemistry

8. Teaching experience: 4 years (Undergraduate)

9. Courses taught: Vertebrate, Invertebrate, Biochemistry, Ethology, Ecology, Immunology, Microbiology

10 Research experience:

(i). Title of Ph.D thesis: Human C-reactive protein: Its potential role in different pathological conditions

(ii). Thesis awarded: December, 22nd September, 2009

(iii). Guide: Dr. Chitra Mandal, Distinguished , IICB

(iv). Project Associate Level-1 (ICMR) in I.I.C.B from May, 2010 –March, 2011

(v). CSIR-RA in I.I.C.B from April, 2011-March, 2012

15.International Presentations:

(i). **Waliza Ansar**, Sumi Mukhopadhyay, Shyamasree Basu, SK. Hasan Habib, Bibhuti Saha, Chhabinath Mandal and Chitra Mandal. Disease-associated glycosylated molecular variants of human C-reactive protein activate complement-mediated hemolysis of erythrocytes in tuberculosis and Indian Visceral leishmaniasis. 7th International Symposium on biochemical roles of eukaryotic cell surface macromolecules. Puri (India), January, 2005.

(ii). Chitra Mandal, **Waliza Ansar**, Sumi Mukhopadhyay, Tanusree Das, Avijit Dutta, Shyamasree Ghosh, Shyam Sundar. Glycosylation of human C-reactive protein (CRP) modulates their biological role. 20th International symposium on glycoconjugates (GLYCO XVIII), Florence (Italy).

(iii). Aniruddha Maity, **Waliza Ansar**, Shyamasree Ghosh, Atanu Naskar, Surajit Hazra, Vikas Kumar and Dhriti Banerjee. Biology, Ecology, Evolution, Taxonomy and Biochemical study of *Tabanus striatus*: A vector of medico-veterinary importance. 83rd SBC (Society of Biological Chemist), Bhubaneswar January 2015.

(iv). Diversity of Diptera along an altitudinal gradient in the western Himalayas: a case study in the kalatop-Khajjiar Wildlife Sanctuary, Himachal Pradesh. Jayita Sengupta, Aniruddha Maity, **Waliza Ansar**, Shyamasree Ghosh, Atanu Naskar, Surajit Hazra, and Dhriti Banerjee. 83rd SBC, Bhubaneswar January 2015.

(v). **Waliza Ansar**, Aniruddha Maity, Shyamasree Ghosh, Atanu Naskar, Vikas Kumar and Dhriti Banerjee. Biology, Ecology, Evolution, Taxonomy and Molecular analysis of *Tabanus striatus* (Tabanidae, Diptera) in India: A medico-veterinary vector of surra disease. Current Thoughts in Cell Sciences (CTICS). University of Calcutta, Salt Lake, Kolkata November 2015.

(vi). **Waliza Ansar**. C - reactive protein activated Complement-Cascade in Destruction of Erythrocytes: Clinico-Pathological connotations in Malaria caused by *Plasmodium Falciparum*. One- day International Symposium on *Frontiers in Translational & Regenerative Biology (FTRB 2016)*. 31st January, 2016.

15.National Presentations:

- (i). **Waliza Ansar**, S. S. Talmale, Sachin R. Patil, Abesh Chakraborty, Shyamasree Ghosh and Dhriti Banerjee. First records of two new forensic dipteran flies from a dead Asiatic Jackal (*Canis aureus* Linnaeus), from India. National Seminar on Environment, Ethics and Evaluation. 23-24 November, 2015. Bijoy Krishna Girls' College, Howrah Maidan, West Bengal.
- (ii). Waliza ansar. Biomolecular analysis of *Tabanus striatus*, the vector of surra disease in West Bengal, India. Recent advances in biological sciences (RABS), UGC-sponsored National level Seminar. 17-18th February, 2017, Gurudas College, Kolkata, West Bengal.
- (iii). Garima Hore, Panchanan Parui, **Waliza Ansar**, Jayita Sengupta and Dhriti Banerjee. Record of some forensically important dipteran species from domestic cat (*Felis catus*) carcass from West Bengal, India. Recent advances in biological sciences (RABS), UGC-sponsored National level Seminar. 17-18th February, 2017, Gurudas College, Kolkata, West Bengal.
- (iv). **Waliza Ansar**. Inflammation: A key process in diseases. Two-Day National Seminar on Future India: Science and technology organized by City College and Indian Association of Science Congress (IASC). 27-28th February, 2019, City College, Kolkata, West Bengal.
- (v). **Waliza Ansar**. Liposomal Nanomedicine in Diseases. Two-Day National Seminar on Emerging Frontiers in Material Science (EFMS) organized by Behala College. 15-16th February, 2019, Behala College, Kolkata, West Bengal.

15.State Level Participation:

- (i). Attended UGC Sponsored State Level Seminar On 'Environmental Pollution: Causes, Impacts & Control'. April 25, 2015. The Bhowanipur Education Society College.

16. Refresher and Orientation Course attended:

- (i). Orientation Course: HRDC-UGC, Jadavpur University, 21st August -18 September, 2017
- (ii). Refresher Course: HRDC-UGC, Calcutta University, SRC in Biological Sciences, 2-22 January, 2019

17. Published or accepted papers:

- (i). **Waliza Ansar**, Sumi Mukhopadhyay nee Bandyopadhyay, Suchandra Chowdhury, SK. Hasan Habib and Chitra Mandal. Role of C-reactive protein in Complement-mediated hemolysis in Malaria. *Glycoconj J.* **2006**. 23:233-240.
- (ii). **Waliza Ansar**, SK. Hasan Habib, Samir Roy, Chhabinath Mandal and Chitra Mandal. Unraveling the C-reactive protein complement-cascade in destruction of red blood cells: Potential pathological implications in *Plasmodium falciparum* malaria. *Cellular. Physiol. Biochem.* **2009**. 23:175-190.
- (iii). **Waliza Ansar**, Sumi Mukhopadhyay, Shyamasree Basu, SK. Hasan Habib, Bibhuti Saha, Asish Kumar Sen, Chhabinath Mandal and Chitra Mandal. Disease-associated glycosylated molecular variants of human C-reactive protein activate complement-mediated hemolysis of erythrocytes in tuberculosis and Indian Visceral leishmaniasis, *Glycoconj J.* **2009**. 26:1151-1169.
- (iv). **Waliza Ansar** and Shyamasree Ghosh. C-reactive protein and disease biology. *Immunologic Research*, **2013**. 56(1):131-42.
- (v). **Waliza Ansar** and Shyamasree Ghosh. Monoclonal Antibodies: A tool in Clinical Research. *Indian J of Clinical Medicine*, **2013**. 4:9-21.
- (vi). Shyamasree Ghosh and **Waliza Ansar**. Indoor Air Pollution: Impact of health and stem cells. *Journal of stem cells*. **2014**. 9 (4):269-281. ISSN: 1556-8539. H-index:8. INDEXED IN PUBMED / MEDLINE/Scopus.
- (vii). Abesh Chakraborty, **Waliza Ansar**, Shyamasree Ghosh, Dhriti Banerjee. The first report of the life cycle of *Sarcophaga (L) dux* on dead reptilian carcass: Their application as forensic indicators. *Sch. Acad. J. Biosci.*, **2014**. 2(11): 731-739. ISSN 2321-6883 (Online). ISSN 2347-9515.
- (viii). Sheikh Hasan Habib, **Waliza Ansar**, Shyamasree Ghosh, and Achintya Kumar Das. The Rare Association of *Enterobius vermicularis* Infestation Causing Acute Appendicitis in Children:

A Case Report and Review of the Literature. Sch. J. App. Med. Sci., **2015**. 3(1A):38-44. ISSN 2320-6691 (Online). ISSN 2347-954X (Print).

(ix). Abesh Chakraborty, Dhriti Banerjee, Shyamasree Ghosh, **Waliza Ansar**. *Brachymeria minuta* (Hymenoptera: Chalcididae) Pupal parasitoids of Forensic Indicator *Sarcophaga (Parasarcophaga) albiceps* (Diptera : Sarcophagidae) from India. *Prommalia Journal. Journal for Zoological Taxonomists*. Vol 3. **2015**. ISSN (Print) 2320-4311.

(x). Dhriti Banerjee, Shyamasree Ghosh, **Waliza Ansar**. Medical and Veterinary Entomology: The good and bad flies that affect human and animal life. *Sch J Agric Vet Sci* 2015; 2(3B):220-239. e-ISSN 2348-1854. p-ISSN 2348-8883.

(xi). S. S Talmale, Sachin R Patil, Dhriti Banerjee, Shyamasree Ghosh, **Waliza Ansar**. First report of *Musca (Byomya) planiceps* Wiedemann as a muscid of forensic importance associated with Asiatic Jackal carcass from India. *Journal of Asia-Pacific Entomology* (communicated 2017).

(xii). Abesh Chakraborty, Shyamasree Ghosh, **Waliza Ansar** , Dhriti Banerjee. Developmental analysis of immature stages of *Sarcophaga (Parasarcophaga) albiceps* Meigen, 1826 (Diptera: Sarcophagidae) on *Gallus gallus* carcass: Their applications as forensic indicators. *IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS)* e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 8, Issue 8 Ver. II (Aug. 2015), PP 79-89.

(xiii). **Waliza Ansar**. Glycosphingolipids and its pathobiological role in Diseases. *Journal of Advanced studies*.ISSN:2394-7241.Vol 2(1).2016.

(xiv). **Waliza Ansar**, Aniruddha Maity, Vikas Kumar, Dhriti Banerjee . Molecular analysis of the medico-veterinary vector of Surra disease, *Tabanus striatus* (Tabanidae, Diptera) in India. *Indian J of Physiological Sciences*. Jul-Aug-Sep.Vol 3 (3).2016.ISSN 2348-3911.

(xv). Garima Hore, Aniruddha Maity, Atanu Naskar, **Waliza Ansar**, Shyamasree Ghosh, Goutam Kumar Saha, Dhriti Banerjee. Scanning electron microscopic studies on antenna of *Hemipyrellia ligurriens* (Wiedemann, 1830) (Diptera: Calliphoridae)—A blow fly species of forensic importance. *Acta Tropica* 172 (2017) 20–28.

(xvi). Shyamasree Ghosh , **Waliza Ansar** and Dhriti Banerjee. Morphological and Molecular identification of crime reporter flies in Forensic entomology. *Indian Journal of Entomology*, **80**(2): 158- 176 (2018) DOI No. : 10.5958/0974-8172.2018.00100.1

International Book chapters:

(i). Shyamasree Ghosh and **Waliza Ansar**. *Multidynamic Liposomes in Nanomedicine: Technology, Biology, Applications, and Disease Targeting*. Springer International Publishing Switzerland. 2015. Chapter 9 (Part II) in the book *Nanoparticles' Promises and Risks - Characterization, Manipulation and Potential Hazards to Humanity and the Environment*. Editors: Lungu, M., Neculae, A., Bunoiu, M., Biris, C. (Eds.). ISBN 978-3-319-11728-7.

18.International Books:

(i). **Waliza Ansar** and Shyamasree Ghosh. *Biology of C Reactive Protein in Health and Disease*. ISBN 978-81-322-2678-9. Springer.2016.

22. Fellowships/Awards:

(i). National Scholarship for Madhyamik Examination, 1994

(ii). State level Eligibility Test (SLET) in Life sciences, 2001

(iii). National Eligibility test (CSIR-NET) in Life Sciences, 2002, December

(iv). CSIR-JRF in I.I.C.B from 2003-2005

(v). Qualified the Ph.D course work examination in I.I.C.B, 2004

(vi). CSIR-SRF in I.I.C.B from 2005-2008.

(vii). Project Associate Level-1 (ICMR) in I.I.C.B from May, 2010 –March, 2011

(viii). CSIR-RA in I.I.C.B from April, 2011-March, 2012
